Sheet 1 of 3

| U.S. Department of Commerce, Patent and Trademark Office |    |                                                                                                                             |                   |                                                   |                 | Atty Docket No.                |          |         |  |  |
|----------------------------------------------------------|----|-----------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------|-----------------|--------------------------------|----------|---------|--|--|
| PRODUCTION DISCLOSURE STATEMENT DV ADDITIONE             |    |                                                                                                                             |                   |                                                   |                 | M-2338-3C US 11- 4 98/97 7;846 |          |         |  |  |
| PIFFORMATION DISCLOSURE STATEMENT BY APPLICANT           |    |                                                                                                                             |                   |                                                   |                 | Applicant JIN 11 2001          |          |         |  |  |
| n o 2001                                                 | 1  | (Use several she                                                                                                            | Ryan, John O.     |                                                   |                 |                                |          |         |  |  |
| JUN U 8 2001 -                                           |    |                                                                                                                             |                   |                                                   | Filing Date     | Filing Date 70 3600 MAI        |          |         |  |  |
| TRADEMIN OF                                              |    |                                                                                                                             |                   |                                                   | November        | 25, 1997                       | 3662     |         |  |  |
| RADEMA                                                   |    |                                                                                                                             | U.S. P            | atent Documents                                   |                 |                                |          |         |  |  |
| *Examiner Initial                                        |    | Document<br>Number                                                                                                          | Date              | Name                                              | Class           | Subclass                       | Filing I |         |  |  |
| TD.                                                      | AA | 4,052,719                                                                                                                   | 4 Oct 1977        | Hutt et al.                                       | 348             | 468                            | Птррго   | priace  |  |  |
| A                                                        | AB | 4,308,558                                                                                                                   | 29 Dec 1981       | Hernandez et al.                                  | 348             | 622                            |          |         |  |  |
| Ď                                                        | AC | 4,377,822                                                                                                                   | 22 Mar 1983       | Noirel et al.                                     | 348             | 189                            |          |         |  |  |
| (A)                                                      | AD | 4,430,525                                                                                                                   | 7 Feb 1984        | Franz et al.                                      | 178             | 3                              |          |         |  |  |
| B                                                        | AE | 4,450,477                                                                                                                   | 22 May 1984       | Lovett                                            | 725             | <b>4</b> 3                     | <u> </u> |         |  |  |
| A                                                        | AF | 4,680,629                                                                                                                   | 14 Jul 1987       | Fukushima et al.                                  | 348             | 563                            |          |         |  |  |
| <b>(4)</b>                                               | AG | 4,807,276                                                                                                                   | 21 Feb 1989       | Okabe                                             | 379             | 93.08                          |          |         |  |  |
| Ď                                                        | AH | 4,907,159                                                                                                                   | 6 Mar 1990        | Mauge et al.                                      | 701             | 117                            |          |         |  |  |
| <b>D</b>                                                 | AI | 5,010,499                                                                                                                   | 23 Apr 1991       | Yee                                               | 3 48            | 552                            |          |         |  |  |
| <b>A</b>                                                 | AJ | 5,023,905                                                                                                                   | 11 Jun 1991       | Wells et al.                                      | 379             | 93.17                          |          |         |  |  |
| A                                                        | AK | 5,036,394                                                                                                                   | 30 Jul 1991       | Morii et al.                                      | 348             | 468                            |          |         |  |  |
|                                                          |    |                                                                                                                             | Foreign           | Patent Documents                                  | <u> </u>        |                                | <b>.</b> |         |  |  |
|                                                          |    |                                                                                                                             |                   |                                                   |                 |                                | Tran     | slation |  |  |
|                                                          |    | Document                                                                                                                    | Date              | Country                                           | Class           | Subclass                       | Yes      | No      |  |  |
| Ð                                                        | AL | 3938457A1                                                                                                                   | 23 May 1991       | Germany                                           |                 |                                |          | X       |  |  |
| <b>&amp;</b>                                             | AM | 4024132A1                                                                                                                   | 13 Feb 1992       | Germany                                           | _               |                                | х        |         |  |  |
| B                                                        | AN | 4222777A1                                                                                                                   | 21 Jan 1993       | Germany                                           | _               |                                | -        | X       |  |  |
| Æ                                                        | AO | 0 373 386A2                                                                                                                 | 20 Jun 1990       | Europe                                            | ,               |                                |          | X       |  |  |
| P                                                        | AP | 0 429 000                                                                                                                   | 13 Mar 1996       | Europe                                            | . —             |                                | х        |         |  |  |
|                                                          |    | OTHER                                                                                                                       | ART (Including A  | uthor, Title, Date, Pert                          | inent Pages, Et | c.)                            |          |         |  |  |
| Ð                                                        | AQ | Davies, Peter, "T                                                                                                           | The Radio System- | Traffic Channel", IEEF                            | E, (June 1989), | pages A44-A4                   | 8.       |         |  |  |
| A                                                        | AR | Siegel, Gert, "Verkehrsfunk digital: Traffic Message Channel", RFE (December 1992), pages 803-808 with English translation. |                   |                                                   |                 |                                |          |         |  |  |
| A                                                        | AS | Wiederhold, Gio, "Database Design" (1977), pages 200-206.                                                                   |                   |                                                   |                 |                                |          |         |  |  |
|                                                          |    | 1. Dign                                                                                                                     | Date Considere    |                                                   |                 |                                |          |         |  |  |
|                                                          |    |                                                                                                                             |                   | ot citation is in conform opy of this form with y |                 |                                |          |         |  |  |

| U.S. Department of Commerce, Patent and Trademark Office |             |                                                                                                                                                                                                                                    |                                           |                                                      |                                | et No.                                | Serial No.           |             |  |  |
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| •                                                        |             |                                                                                                                                                                                                                                    |                                           |                                                      |                                | CUS                                   | 08/977,846           |             |  |  |
| O ITS FORMATION DISCLOSURE STATEMENT BY APPLICANT        |             |                                                                                                                                                                                                                                    |                                           |                                                      |                                | Applicant                             |                      |             |  |  |
| (Use several sheets if necessary)                        |             |                                                                                                                                                                                                                                    |                                           |                                                      |                                | Applicant Ryan, John O.               |                      |             |  |  |
| IIIN 0 8 20m                                             |             |                                                                                                                                                                                                                                    |                                           |                                                      |                                | Filing Date                           |                      |             |  |  |
|                                                          |             | November                                                                                                                                                                                                                           | 3662                                      |                                                      |                                |                                       |                      |             |  |  |
| A PADEMARK                                               | <del></del> |                                                                                                                                                                                                                                    | U.S. F                                    | Patent Documents                                     |                                |                                       |                      |             |  |  |
| *Examiner                                                |             | Document                                                                                                                                                                                                                           |                                           |                                                      |                                |                                       | Filing               |             |  |  |
| Initial                                                  |             | Number                                                                                                                                                                                                                             | Date 9 Jun 1992                           | Yee Name                                             | Class                          | Subclass                              | If Appro             | priate      |  |  |
| <b>A</b>                                                 | AA          | 5,121,476                                                                                                                                                                                                                          |                                           |                                                      | 348                            | 559                                   | <u> </u>             |             |  |  |
| <b>P</b>                                                 | AB          | 5,295,154                                                                                                                                                                                                                          | 15 Mar 1994                               | Meier et al.                                         | 370                            | 351                                   | <u> </u>             |             |  |  |
|                                                          | AC          |                                                                                                                                                                                                                                    |                                           |                                                      |                                |                                       | -                    |             |  |  |
|                                                          | AD          |                                                                                                                                                                                                                                    |                                           |                                                      |                                | · · · · · · · · · · · · · · · · · · · | ļ                    |             |  |  |
|                                                          | AE          |                                                                                                                                                                                                                                    |                                           | <b>/</b>                                             |                                |                                       |                      |             |  |  |
|                                                          | AF          |                                                                                                                                                                                                                                    |                                           |                                                      |                                |                                       |                      |             |  |  |
|                                                          | AG          |                                                                                                                                                                                                                                    |                                           |                                                      |                                |                                       |                      |             |  |  |
|                                                          | AH          |                                                                                                                                                                                                                                    |                                           |                                                      |                                | <del></del>                           |                      |             |  |  |
|                                                          | AI          |                                                                                                                                                                                                                                    | ]                                         |                                                      |                                |                                       | ļ                    |             |  |  |
|                                                          | AJ          |                                                                                                                                                                                                                                    |                                           |                                                      |                                |                                       |                      |             |  |  |
|                                                          | AK          |                                                                                                                                                                                                                                    |                                           |                                                      |                                |                                       |                      |             |  |  |
|                                                          |             |                                                                                                                                                                                                                                    | Foreign                                   | Patent Documents                                     |                                |                                       |                      |             |  |  |
|                                                          |             |                                                                                                                                                                                                                                    |                                           |                                                      |                                |                                       | Trai                 | Translation |  |  |
|                                                          |             | Document                                                                                                                                                                                                                           | Date                                      | Country                                              | Class                          | Subclass                              | Yes                  | No          |  |  |
| ₽                                                        | AL          | 2 651 352A2                                                                                                                                                                                                                        | 1 Mar 1991                                | France                                               |                                | -                                     | X                    |             |  |  |
| ₽>                                                       | AM          | 2 259 204 A                                                                                                                                                                                                                        | 3 Mar 1993                                | Great Britain                                        |                                |                                       |                      |             |  |  |
| <b>P</b>                                                 | AN          | 58-92161                                                                                                                                                                                                                           | 1 Jun 1983                                | Japan                                                |                                |                                       | Х                    |             |  |  |
| P                                                        | AO          | 61-257037                                                                                                                                                                                                                          | 14 Nov 1986                               | Japan                                                | _                              | <i></i>                               | Х                    | ŀ           |  |  |
| 2                                                        | AP          | 61-269436                                                                                                                                                                                                                          | 28 Nov 1986                               | Japan                                                |                                |                                       | X                    |             |  |  |
|                                                          |             | OTHER                                                                                                                                                                                                                              | ART (Including A                          | uthor, Title, Date, Pert                             | inent Pages, Et                | c.)                                   | •                    |             |  |  |
| <b>&amp;</b>                                             | AQ          | TLHA: Home Automation for the Hobbyist, "Preliminary Product Information: Video Text Overlay Module" (visited 28 February 2001) < <a href="http://www.tlha.com/html/video_text.hml">Http://www.tlha.com/html/video_text.hml</a> >. |                                           |                                                      |                                |                                       |                      |             |  |  |
| A                                                        | AR          | MANTE: Manchester Telemantics Explained, "Teletex" (visited 28 February 2001) <a href="http://www.poptel.org.uk/mante/glossary/g159.htm">http://www.poptel.org.uk/mante/glossary/g159.htm</a> .                                    |                                           |                                                      |                                |                                       |                      |             |  |  |
| (i)                                                      | AS          | "Teletex" (visited 28 February 2001) < <a href="http://www.its.bldrdoc.gov.projects/tlglossary2000/_teletex.html">http://www.its.bldrdoc.gov.projects/tlglossary2000/_teletex.html</a> >.                                          |                                           |                                                      |                                |                                       |                      |             |  |  |
| Examiner 7/                                              | homas       | A. 20                                                                                                                                                                                                                              | Date Considere                            | ed 8/9/8;                                            |                                |                                       |                      |             |  |  |
| *EXAMINER:                                               | Initial i   | f reference conside                                                                                                                                                                                                                | ered, whether or no<br>sidered. Include o | ot citation is in conform<br>opy of this form with y | nance with MPI<br>our communic | EP 609; Draw<br>ation to applica      | line through<br>ant. |             |  |  |

| U.S. Department of Commerce, Patent and Trademark Office |             |                    |                          |                      | Atty Dock         | Serial No.   |                 |            |  |
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|                                                          |             |                    |                          |                      | M-2338-30         | M-2338-3C US |                 | 08/977,846 |  |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT            |             |                    |                          |                      | Applicant         | 20           |                 |            |  |
| (Use several sheets if necessary)                        |             |                    |                          |                      | Ryan, John        | ¥            |                 |            |  |
|                                                          | ल           |                    | Filing Date              | Group Art Unit       |                   |              |                 |            |  |
| JUN 0 8 2001 3                                           |             |                    |                          |                      | November 25, 1997 |              | 3662            |            |  |
| 300 0 0 200                                              | £\$/        |                    | U.S. Pater               | nt Documents         |                   |              |                 |            |  |
| Initial DEM                                              | <del></del> | Document<br>Number | Date                     | Name                 | Class             | Subclass     | Filing If Appro |            |  |
|                                                          | AA          |                    |                          |                      | 4                 | -            |                 |            |  |
|                                                          | AB          |                    |                          |                      |                   |              |                 |            |  |
|                                                          | AC          |                    |                          | /                    |                   |              |                 |            |  |
|                                                          | AD          |                    |                          |                      |                   |              |                 |            |  |
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|                                                          | AF          |                    |                          |                      |                   | •            |                 |            |  |
|                                                          | AG          |                    |                          |                      |                   |              |                 |            |  |
| <del></del>                                              | AH          |                    |                          |                      |                   |              |                 |            |  |
|                                                          | AI          |                    |                          |                      |                   |              |                 |            |  |
|                                                          | AJ          |                    |                          |                      |                   |              |                 |            |  |
|                                                          | AK          |                    |                          |                      |                   |              |                 |            |  |
| ···-                                                     |             |                    | Foreign Pat              | ent Documents        |                   |              |                 |            |  |
|                                                          | 1           |                    |                          |                      |                   |              | Translation     |            |  |
|                                                          |             | Document           | Date                     | Country              | Class             | Subclass     | Yes             | No         |  |
| <u> </u>                                                 | AL          | 62-235835          | 16 Oct 1987              | Japan                |                   |              | X               |            |  |
| W .                                                      | AM          | 2-105195           | 17 Apr 1990              | Japan                |                   |              | X               |            |  |
| <b>*</b>                                                 | AN          | 87/04309           | 16 Jul 1987              | WIPO                 |                   |              |                 |            |  |
| D <sub>1</sub>                                           | AO          | 89/01429           | 23 Feb 1989              | WIPO                 |                   |              |                 |            |  |
| D                                                        | AP          | 92/10040           | 11 Jun 1992              | WIPO                 |                   |              |                 |            |  |
|                                                          | <b>_</b>    | OTHER              | ART (Including Authority | or, Title, Date, Per | tinent Pages, Et  | c.)          |                 |            |  |
|                                                          | AQ          |                    |                          |                      |                   |              |                 |            |  |
|                                                          | AR          |                    |                          |                      |                   |              |                 | -          |  |
|                                                          | AS          |                    | /                        |                      |                   |              |                 |            |  |
| Examiner 7/                                              | ionar       | 1. Duga            | Date Considered          | 8/9/01               |                   |              |                 |            |  |
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